OWNER'S MANUAL

CAUTION-ELECTRIC TOY

NOT RECOMMENDED FOR CHILDREN UNDER 8 YEARS OF AGE
AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK

PARENTS PLEASE NOTE: IT IS RECOMMENDED THAT THIS TOY BE PERIODICALLY EXAMINED FOR ANY FAULTS AND SHOULD NOT BE USED UNTIL REPAIRS ARE MADE.

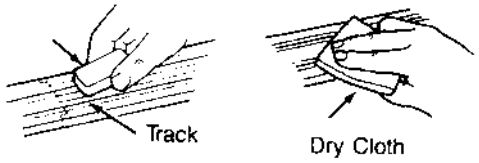
POWER PACK RATING: INPUT: 120VAC, 60Hz, 450mA
OUTPUT: 22.0VDC, 1A, 22.0VA; 12.0VDC, 1A, 12.0VA; 8.0VDC, 1A, 8.0VA

IMPORTANT - CLEAN TRACK BEFORE USE

Due to moisture in the atmosphere, a thin film may build up on the track surface. For optimum performance, it is therefore necessary to clean the track before use. Follow the instructions for maximum enjoyment of your new AFX set.

1 **CAUTION**

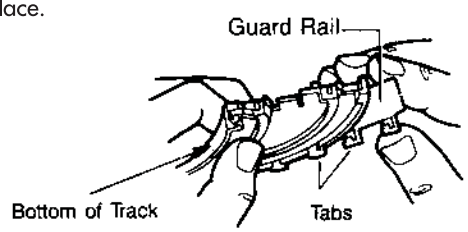
- Always clean the track before you start racing. Use the track pad provided, an eraser or coin to clean the track rails. Wipe away residue with a clean dry cloth.
- Blow out any deposits that may have fallen into the track grooves.
- **NEVER** use Steel Wool to clean the track.



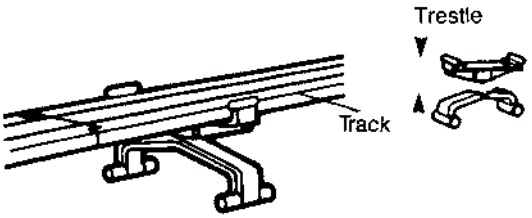
2
- Choose a layout from the layout sheet.

3
- Assemble the straight or curved track on a flat, clean surface. Do not assemble track on carpet.
- Push the pieces of track together until they lock into place.
- Assemble pieces of track to form the layout of your choice.

4
- Attach a guardrail to each curve section by placing the guardrail tabs under the track, then snapping up into place.

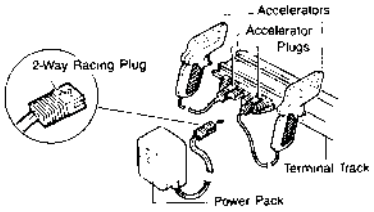


5
- Snap the trestles together as shown.
- Attach the trestles to track as needed.



6
- The 2-way racing plug allows you to change the direction of travel! Flip the plug over to reverse racing direction.

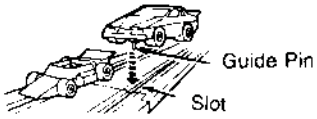
7
- Slide the accelerators plugs into the terminal track.
- Slide the power packs 2-way racing plug into the terminal track as shown.
- Plug power pack into an electrical wall outlet (110-120 volts)
- If the external flexible cable of the transformer is damaged, it shall be repaired or replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.



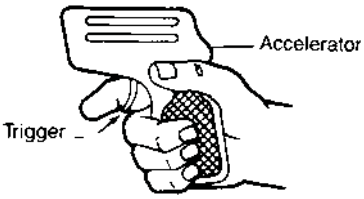
- This power unit is intended to be correctly oriented in a vertical or floor mount position.

8
- Place cars on track. Make sure guide pin fits into slot on track.

OPERATE ONLY ONE CAR PER LANE



9
- Squeeze the trigger on the accelerator to make the car accelerate. The more you squeeze the trigger, the faster the car runs!
- To reduce speed, simply decrease pressure on the trigger.
- Releasing the trigger stops the car.



10
- Pull the pieces apart to disassemble.

11
- Always disconnect power pack when not in use. Never pull on wires. Always remove connections by pulling the plug.

Performing a tune-up

To keep your car running in top performance, here's the mechanic's guide to AFX tune-ups. A spare pair of shoes and springs are included.

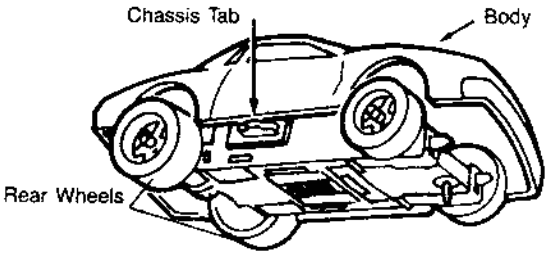
AFX Tune-up Kit which includes the parts you need for a complete tune-up, are available from your toy or hobby dealer.

TIP: Before you begin, place a piece of white paper under your work area to make pieces easier to find.

GO TO AFXRACING.COM FOR ADDITIONAL TIPS AND VIDEO INSTRUCTION

1 Removing Body

A. Hold rear wheels. Pull out on one side of body until it clears the chassis tab, then remove body.



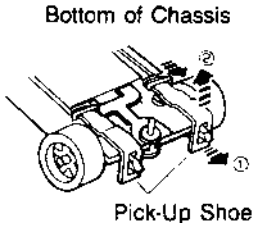
2 Replacing Pick-up SHOES

NOTE: Available in AFX Tune Up Kits (sold separately)

A. Carefully pull pick-up shoe forward.

B. Lift up shoe and remove.

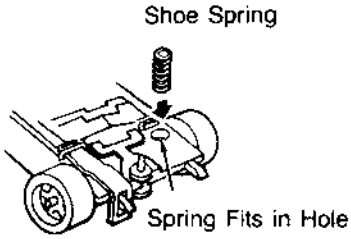
C. Replace with new shoes.



3 Replacing Shoe Springs

NOTE: Available in AFX Tune Up Kits (sold separately)

A. After removing pick-up shoes *(see "Replacing Pick-Up Shoes" above)*, replace springs as shown.



4 Replacing Rear Axle Assembly

NOTE: Available in AFX Tune Up Kits (sold separately)

A. The rear axle comes assembled with gear spacer and crown gear already in place. Simply snap rear wheel assembly in as shown, then slide tyres onto wheel.

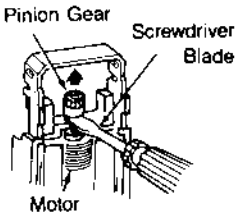
TIP: You may need to adjust the wheels. *(See "Troubleshooting" section "B".)*

5 Replacing Pinion Gear

NOTE: Available in AFX Tune Up Kits (sold separately)

NOTE: Rear axle must first be removed before replacing pinion gear. *(See section No. 4 "Replacing Rear Axle Assembly" for instructions.)*

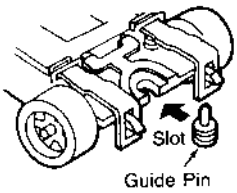
A. Insert small screwdriver blade as shown and push pinion gear rearward to remove.
Slide new pinion gear onto motor. Push into place.



6 Replacing Guide Pin

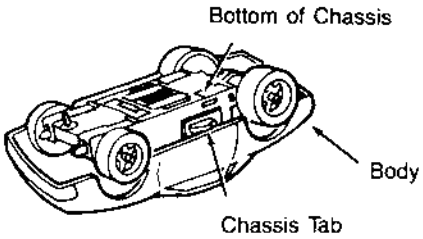
NOTE: Available in AFX Tune Up Kits (sold separately)

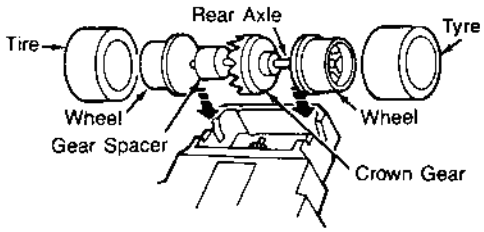
A. Simply push guide pin out of slot and replace with a new guide pin.



7 Replacing Body

A. Slide one end of chassis tab into body, then snap other side into place.

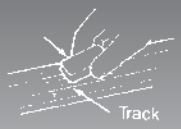


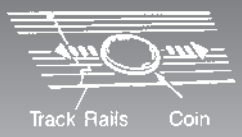


Trouble shooting

IMPORTANT:
Clean track before use

Use an eraser to clean all track rails. Wipe away residue with a clean, dry cloth. You can also lay the special track pad provided or a coin flat on the rails and rub until rails are shiny.
Blow into the grooves to remove any small particles.
Periodically wipe tracks with a clean cloth to remove excess dust.



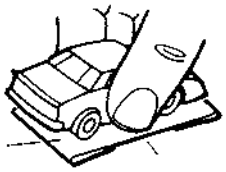


GO TO AFXRACING.COM FOR ADDITIONAL TIPS AND VIDEO INSTRUCTION

PROBLEM	DIRTY TRACK & TIRES	WHEELS RUB CHASSIS	POOR TRACK CONNECTION	DIRTY CARS	DIRTY/ WORN PICK-UP SHOES	WHEEL/BODY INTERFERENCE
CARS WON'T RUN	X	X	X		X	X
CARS HESITATE	X		X	X	X	
CARS SQUEAK RUN NOISY		X				X
CARS RUN SLOWLY	X	X		X	X	X
EXCESSIVE SPINOUTS	X					

A Clean Tires

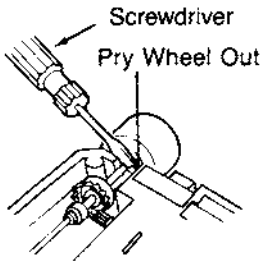
Place a strip of cellophane tape on a table as shown. Roll rear tires across the tape a few times.



B Adjust Wheels

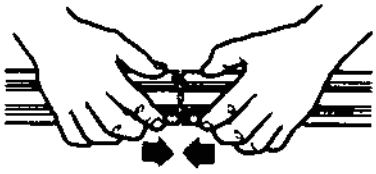
If the wheels bind against the car's chassis, use a screwdriver to carefully pry the wheels out.

NOTE: Make sure wheels do not extend past or rub body.



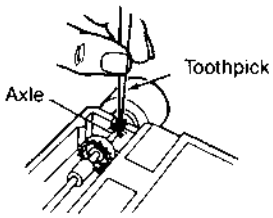
C Poor Track Connection

Check to make sure all track sections are properly connected.



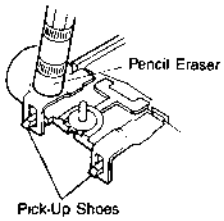
D Clean Lint from Axles

Use a toothpick to remove excess lint, dirt and dust from around the axles.



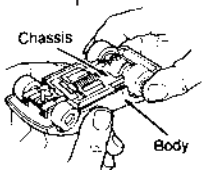
E Clean or Replace Pick-up Shoes

Regularly clean pick-up shoes by carefully rubbing them with a clean pencil eraser or the special track pad provided. Do not apply too much pressure or you may bend the pick-up shoes. Do not use steel wool to clean shoes. After excess wear, you should replace pick-up shoes (see section "Performing a Tune Up" on how to replace a worn out pick-up shoes).



F Realign Chassis

Occasionally, the car's snap-on body may shift, causing the tyres to rub against the body. Hold the car upside down and center the chassis until it snaps back into position.



Limited Lifetime Warranty

Your new AFX set is warranted to be free of defects in materials and workmanship for as long as you own it.

If you have a problem:

1. Check the troubleshooting section in this manual and/or the Technical section at AFXRACING.COM

2. If you are still having trouble, contact us in one of the following ways:
   - Send us an email: info@afxracing.com
   - Call us: (877) 866-9239

Of course this warranty does not cover normal wear and tear, abuse or damage caused by improper maintenance.

Finally, Tomy and Racemasters, Inc. shall in no event be liable for incidental, consequential, contingent or any other damages. Our sole and exclusive liability shall be limited to the repair or replacement of the defective parts.

Manufactured by: Tomy Company, Ltd.
Tokyo, Japan 124-8511

Distributed by: Racemasters, Inc.
Anaheim Hills, CA 92807

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INTRODUCING THE NEW MEGA G CARS

Congratulations! The cars in your set have been upgraded to the new Mega G chassis.

Mega G is the **newest,** state of the art AFX chassis which is **lighter, faster and better** through the turns than any other AFX chassis.

In fact, we think you'll find that Mega G is the **best performing HO scale slot car ever!**

RACEMASTERS™

TOMY®

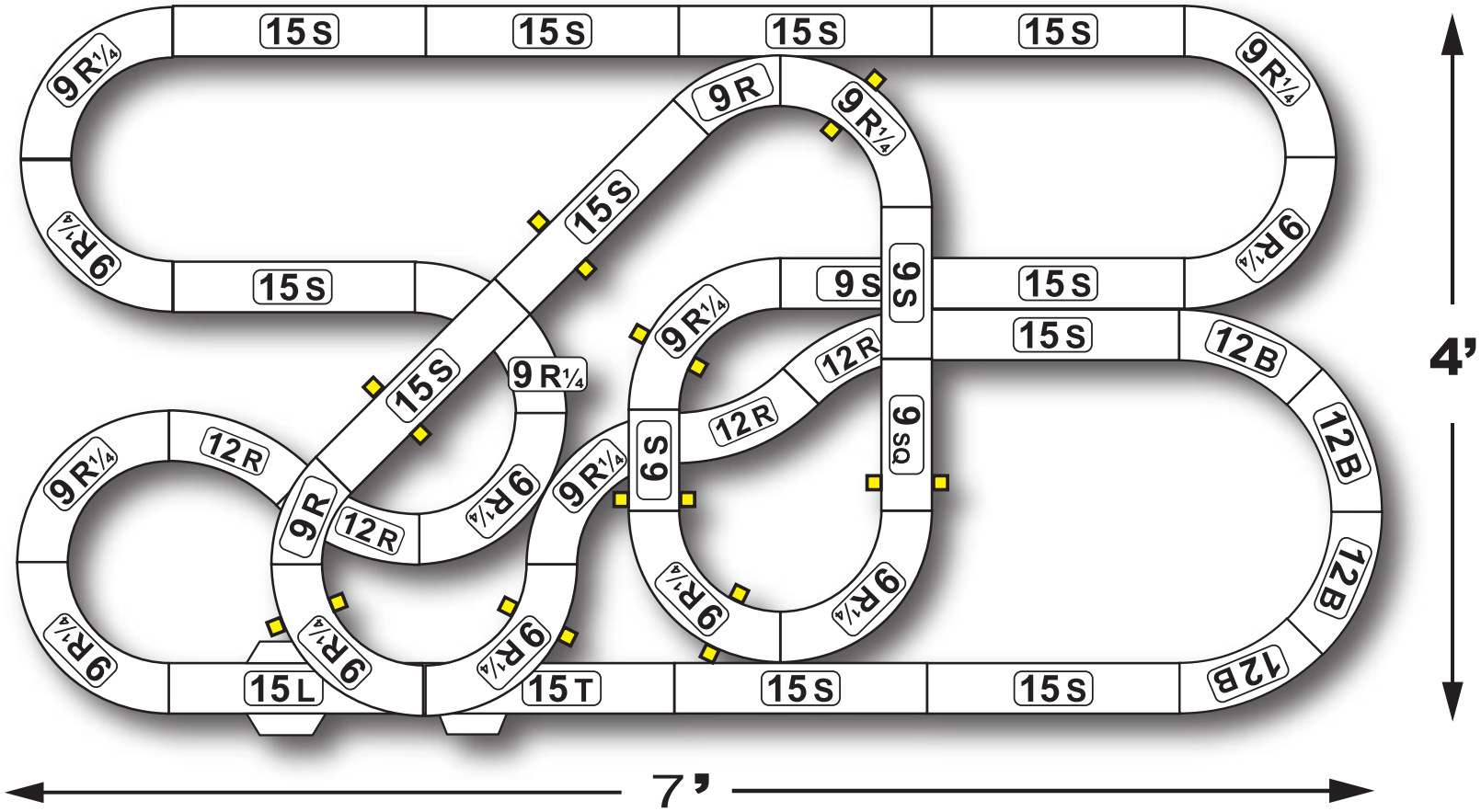
AFX BIG BLOCK BATTLER INSTRUCTIONS

PN: 70291

CONTENTS

Guardrails	(21 pcs.)	15 S	15" Straight Track	(11 pcs.)	12 R	12" Radius 1/8 Curve	(4 pcs.)
Tri-Power Pack	(1 pc.)	15 T	15" Terminal Track	(1 pc.)	12 B	12" Radius Banked Curve	(4 pcs.)
Bridge Support, Low	(10 pcs.)	15 L	15" Lap Counter	(1 pc.)	9 R	9" Radius 1/8 Curve	(2 pcs.)
Controller	(2 pcs.)	9 S	9" Straight Track	(2 pcs.)	9 R¼	9" Radius 1/4 Curve	(15 pcs.)
		9 SQ	9" Squeeze Track	(1 pc.)			
Tune-Up Kit: Track cleaning pad; 2 Pick-up shoes; Springs		6 S	6" Straight Track	(1 pc.)		Mega-G Stockers	(2 pcs.)

Low Bridge Support:



HELP?

AFXRACING.COM

- FAQs
- Video Set-Up Tips
- Video Troubleshooting

service@afxracing.com

877-866-9239

We will always respond to Email and phone calls as quickly as possible and in any case within 24 hours, not counting weekends and holidays.

TOMY RACEMASTERS

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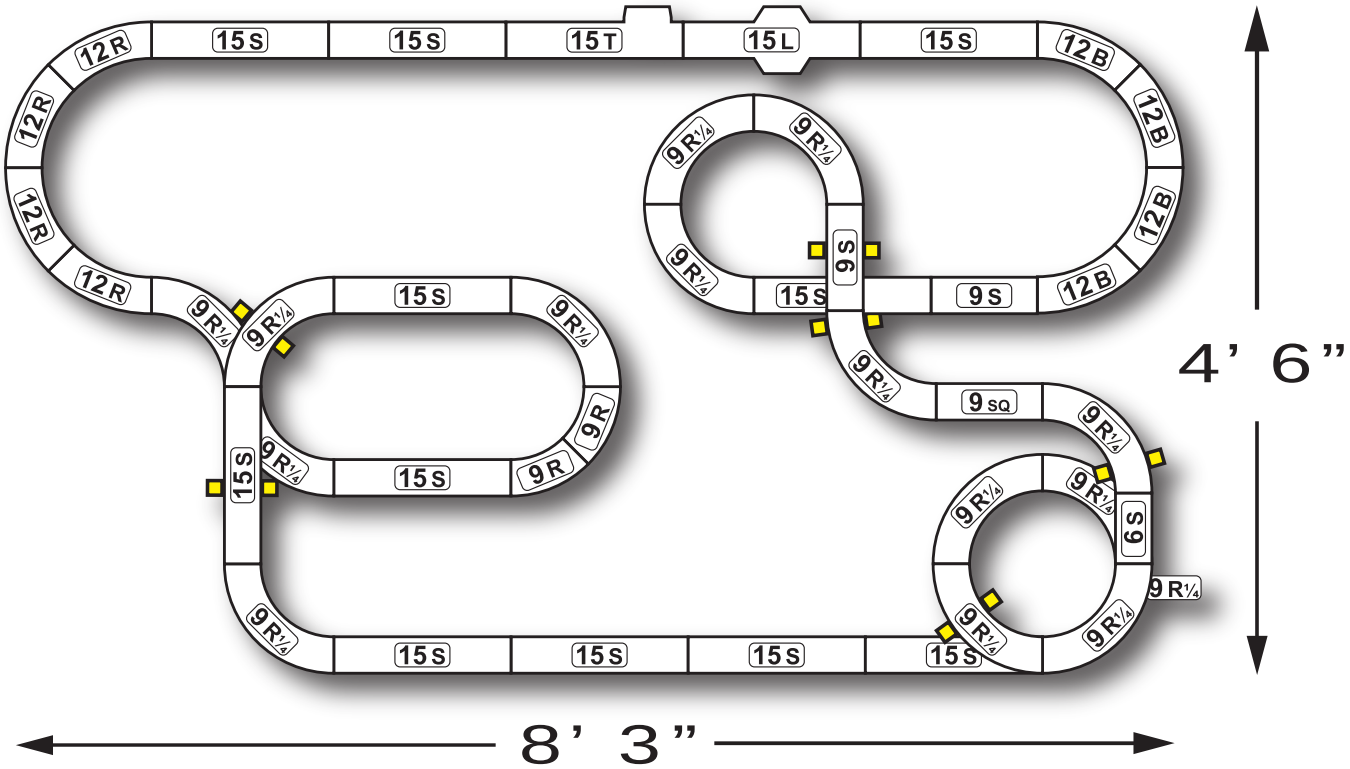
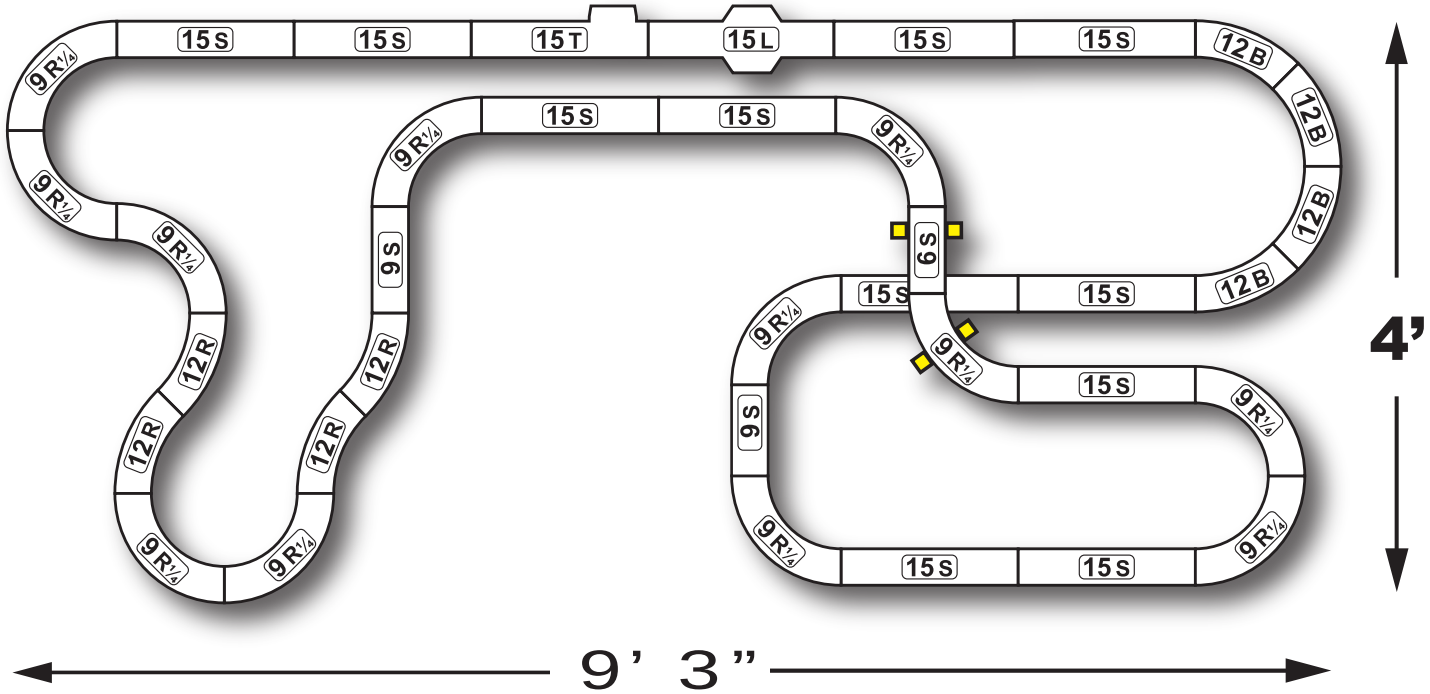
Bonus Layout 1



Low Bridge Support:

Bonus Layout 2